

PROGRAM TITLE: RECONSTITUTED TOBACCO SUPPORT WORK

OBJECTIVE: Carry out applied R&D on reconstituted tobacco to control processing, physico-chemical and subjective properties.

PROGRAM APPROACH AND TIMING:

- A. Apply expansion, foaming or sizing/cross-linking technology to reconstituted tobaccos to increase CVs. Thru '78
- B. Apply chemical (ozone, H₂O₂, etc.) or enzymatic type treatments to RL (fiber and solubles) to improve subjectives. Thru '78
- C. Evaluate alkaline pulping, CEL fractionation for making reconstituted tobacco with acceptable in vitro testing. Thru '78
- D. Develop the technology and processes for making an acceptable (subjectives, in vitro, etc.) low tar reconstituted tobacco through the use of salt additives, inert fillers, etc. Thru '78
- E. Scaleup laboratory findings to process high solid slurries (60+%) into sheet, filler and foamed cigarette rods via extrusion or calendering in cooperation with New Products Division. Thru '78

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